



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT EXAMINING OPERATION**

Re: Application of Muthukumaraswamy et al.

Art Unit: Not yet Known

Serial No.: 10/690,893

Examiner: Not yet known

Filed: October 22, 2003

Attorney's Docket: 10030

Title: SINTER MIX ENHANCER

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this paper is being  
Deposited with the U.S. Postal Service  
as First Class Mail in an envelope addressed  
to the Commissioner for Patents, P.O. Box  
1450 Alexandria, VA 22313-1450 on

6 November 2003

David Boyd

Steven D. Boyd

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

This Information Disclosure Statement is submitted by Applicant(s) in accordance with the duty of disclosure set forth in 37 CFR 1.56. By the enclosed form PTO/SB/08A, Applicant(s) is/are attempting to inform the U.S. Patent and Trademark Office of all materials which he/she/they know(s) to be specifically related to the instant invention. It should be understood there may be additional materials, either patents or other materials, unknown to Applicant(s).

- ☒ A copy of each US patent and each US patent application publication listed on the enclosed form PTO/SB/08A is not submitted. A copy of each foreign patent document and non-patent literature item listed on the enclosed form PTO/SB/08A is enclosed herewith.

- ☐ Copies of some or all of the references listed on the attached form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the Patent and Trademark Office in prior application Serial No. \_\_\_\_\_ for which a claim for priority under 35 USC 120 has been made in the instant application.

☒ There are no listed references which are not in the English language.

Applicant(s) request(s) that the Examiner return an executed and dated copy of form PTO/SB/08A as an indication that the Examiner has considered the submitted materials.

In accordance with Section 1.97:

☒ Since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in 1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required. [§1.97(b)]

- ☐ This Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, therefore:

Certification in accordance with §1.97(e) is below:

I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication

from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this statement.

OR

☐ Please charge the fee of \$ \_\_\_\_\_ as set forth in §1.17(p) to Deposit Account 50-2340.  
[§1.97(c)]


☐ This Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); Petition Requesting Consideration of the Information Disclosure Statement; and the fee of \$ \_\_\_\_\_ as set forth in §1.17(i)(1). [1.97(d)]

☒ Please charge any deficiency or credit any overpayment to Deposit Account No. 50-2340.

6 November 2003  
Date

GE Betz, Inc.  
4636 Somerton Road  
Trevose PA 19053-6783

keeper/dbforms/ IDSnew

  
\_\_\_\_\_  
Steven D. Boyd  
Registration No. 31,000  
215-953-2333 (Telephone)  
215-953-5536 (Facsimile)

**Complete if Known**

*(Use as many sheets as necessary)*

Sheet	1	of	2
-------	---	----	---

Application Number	10/690,893
Filing Date	Oct. 22, 2003
First Named Inventor	Muthukumaraswamy
Art Unit	not yet known
Examiner Name	not yet known
Attorney Docket Number	10030

[illegible][illegible]

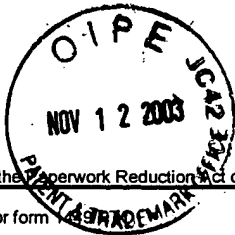
**Examiner  
Signature**

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1-49

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/690,893
Filing Date	Oct. 22, 2003
First Named Inventor	Muthukumaraswamy
Art Unit	Not yet known
Examiner Name	Not yet known
Attorney Docket Number	10030

Sheet	2	of	2
-------	---	----	---

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.